

Fig. 1A

200

202

Green Chili Salsa

Chopped Tomatoes	1 16-ounce Can
Chopped Green Chile	3 Tablespoons
Diced Onions	3 Tablespoons
Chopped Garlic	1 Tablespoon
Salt	¼ Teaspoon
Lime Juice	½ Lime
Chopped Cilantro	1 Tablespoon

In a medium bowl, mix together all ingredients. Use as a dip, or over grilled vegetables, or toss with bowtie noodles for an appetizer course.

www.VeggieLife.com

November 1997

Fig. 2A

```

<!--..... Document Type Definition (DTD) .....-->
<!-- document element -->
<!ELEMENT document (recipe+)>

<!--..... recipe element .....-->
<!ELEMENT recipe (ingredient+, procedure+, presentation, originate)>
<!-- ATTLIST recipe title CDATA #REQUIRED>

<!--..... ingredient element .....-->
<!ELEMENT ingredient (#PCDATA)>
<!-- ATTLIST ingredient amount CDATA #REQUIRED>
210

<!--..... procedure element .....-->
<!ELEMENT procedure (#PCDATA)>
<!-- ATTLIST procedure step CDATA #IMPLIED>

<!--..... presentation element .....-->
<!ELEMENT presentation (#PCDATA)>
212

<!--..... originate element .....-->
<!ELEMENT originate EMPTY>
<!-- ATTLIST originate name CDATA #REQUIRED>
<!-- ATTLIST originate website CDATA #IMPLIED>
<!-- ATTLIST originate date CDATA #REQUIRED>
<!--..... END of DTD .....-->

```

Fig. 2B

```

<document>
<recipe title="Green Chile Salsa">
  <ingredient amount="1 16-ounce Can">Chopped Tomatoes</ingredient>
  <ingredient amount="3 Tablespoons">Chopped Green Chile</ingredient>
  <ingredient amount="3 Tablespoons">Diced Onions</ingredient>
  <ingredient amount="1 Tablespoon">Chopped Garlic</ingredient>
  <ingredient amount="1/4 Teaspoon">Salt</ingredient>
  <ingredient amount="1/2 Lime">Lime Juice</ingredient>
  <ingredient amount="1 Tablespoon">Chopped Cilantro</ingredient>
  <procedure>In a medium bowl, mix together all ingredients.</procedure>
  <presentation>Use as dip, or over grilled vegetables, or toss with bowtie noodles for an appetizer course.</presentation>
  <originate name="VeggieLife" website="www.VeggieLife.com" date="November 1997" />
</recipe>
</document>

```

Fig. 2C

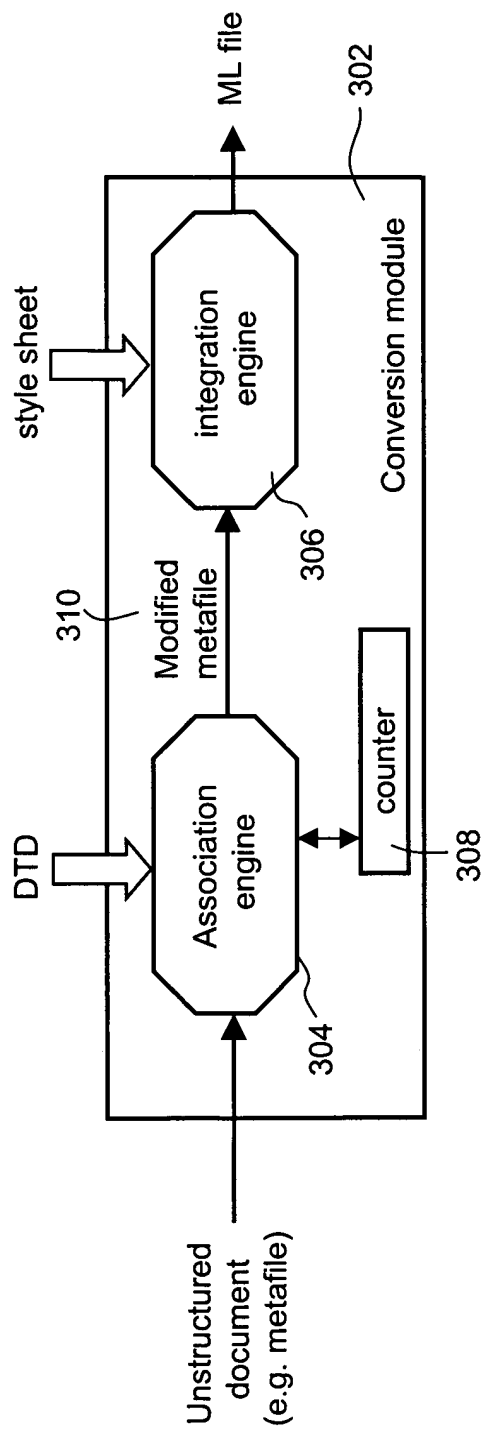


Fig. 3A

320



```

<?xml version="1.0"?>
<xsl:stylesheet xmlns:xsl="http://www.w3.org/TR/WD-xsl">
  <xsl:template match="/" >
    <html>
      <body>
        <xsl:apply-templates />
      </body>
    </html>
  </xsl:template>

  <xsl:template match="document">
    <xsl:apply-templates />
  </xsl:template>

  <xsl:template match="recipe">
    <h2><center><font color="teal">Title: </font><font color="red">
      <xsl:value-of select="title"/>
    </font></center></h2>
    <h3><center><font color="teal">From: </font><font color="gray">
      <xsl:for-each select="originate" >
        <xsl:value-of select="@name" />
      </xsl:for-each>
    </font></center></h3>
    <p><center><table bgcolor="ffffc0" cellspacing="12"><tr><td>
      <xsl:for-each select="image">
        <IMG SRC="recipe.jpg" HEIGHT="200" WIDTH="220"/></xsl:for-each></td><td><table>
          <tr><td><font color="teal" size="5">Ingredient:</font></td></tr>
          <xsl:for-each select="ingredient">
            <tr><td><xsl:value-of select="text()" /></td>
            <td><font color="blue"><xsl:value-of select="amount"/></font></td></tr>
          </xsl:for-each>
        </table></td></tr></table></center></p>

    <p><center><table><tr><td><font color="teal" size="5">Procedure:</font></td></tr>
      <xsl:for-each select="procedure">
        <tr><td><xsl:value-of select="text()" /> </td></tr>
      </xsl:for-each>
    </table></center></p>

    <p><center><table bgcolor="c0ffff" width="80%">
      <xsl:for-each select="originate">
        <tr><td align="left"><xsl:value-of select="website" /></td>
        <td align="right"><xsl:value-of select="date"/></td></tr>
      </xsl:for-each>
    </table></center></p>
  </xsl:template>
</xsl:stylesheet>

```

Fig. 3C

Dongle Information for PageGenie XML			
Saved Files:	71	Limit:	1000
Tagged Counts:	51	Limit:	1000
Dongle set on Aug. 12, 2000			

Fig. 3D

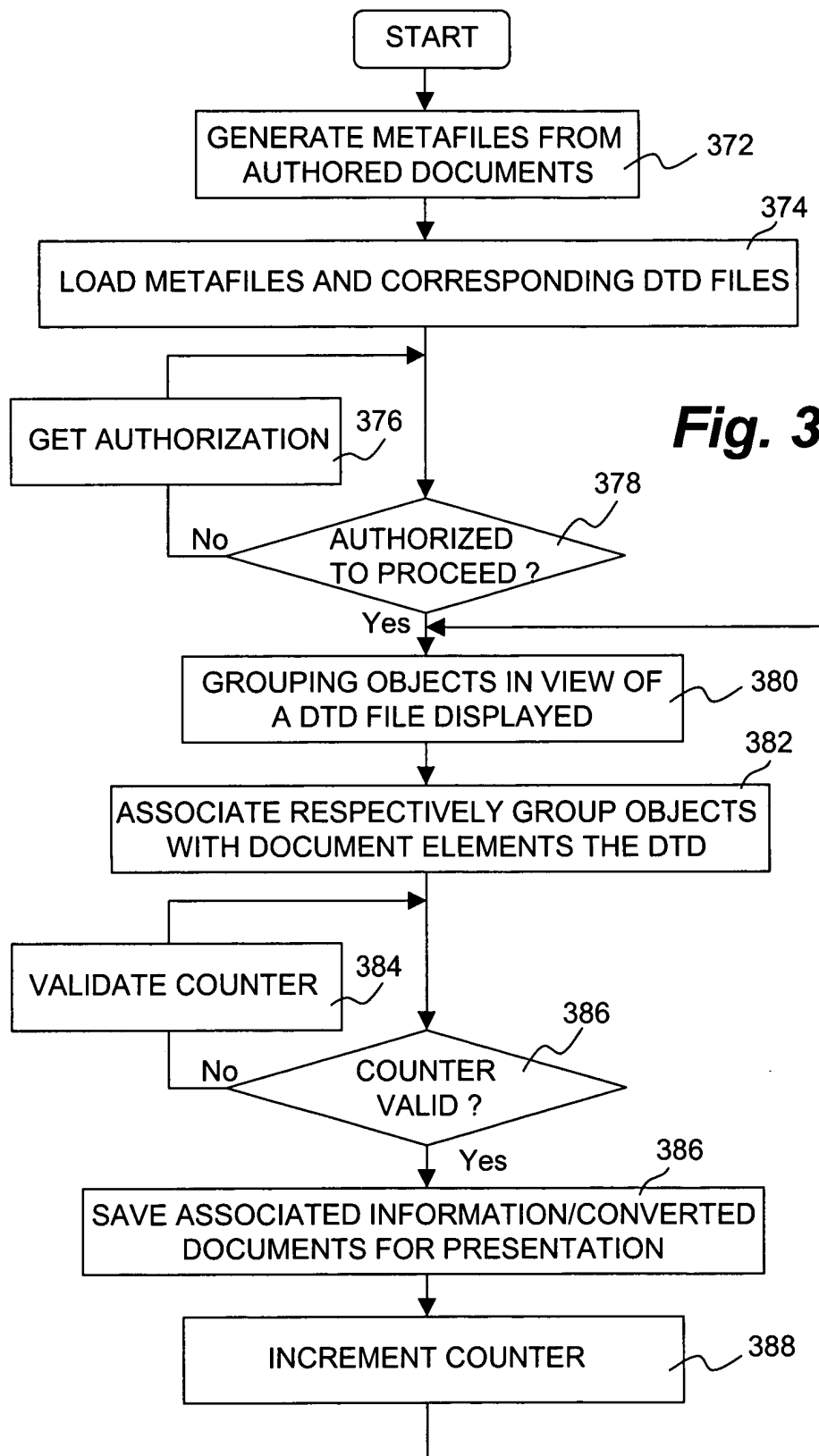


Fig. 3E

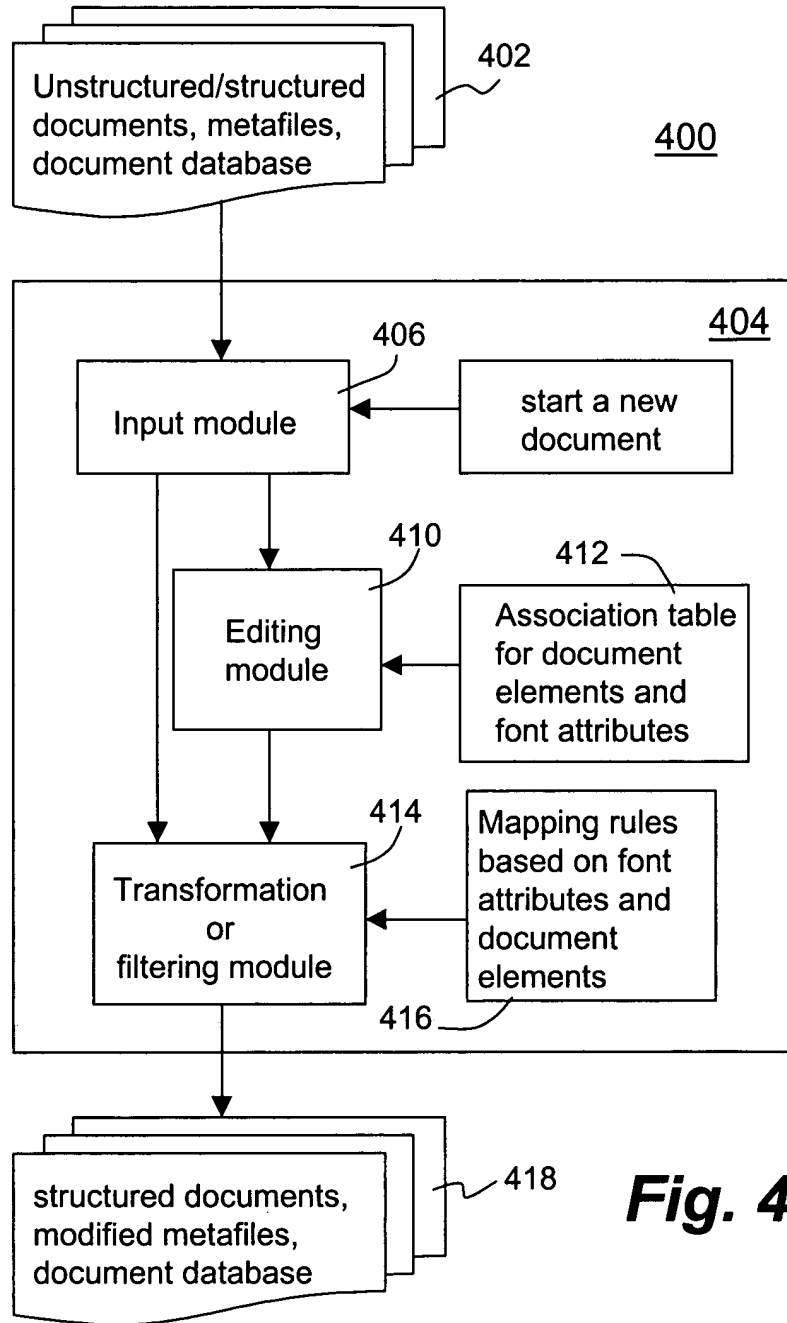


Fig. 4

Document Element	Element Attribute	Font Type	Font Style	Font Color	Font Size	Font Effect
recipe	title	Courier New	Bold	Black (0x000000)	12	Underline
ingredient		Courier New	Normal	Magenta (0xFF00FF)	10	Normal
ingredient	amount	Courier New	Italic	Red (0x0000FF)	10	Normal
procedure		Arial	Italic	Blue (0xFF0000)	10	Normal
presentation		Arial	Normal	Cyan (0xFFFF00)	10	Normal
originate	name	Times New Roman	Bold	Green (0x00FF00)	10	Normal
originate	website	Times New Roman	Bold + Italic	Yellow (0x00FFFF)	10	Normal
originate	date	Times New Roman	Normal	Gray (0x808080)	10	Normal

Fig. 5

600

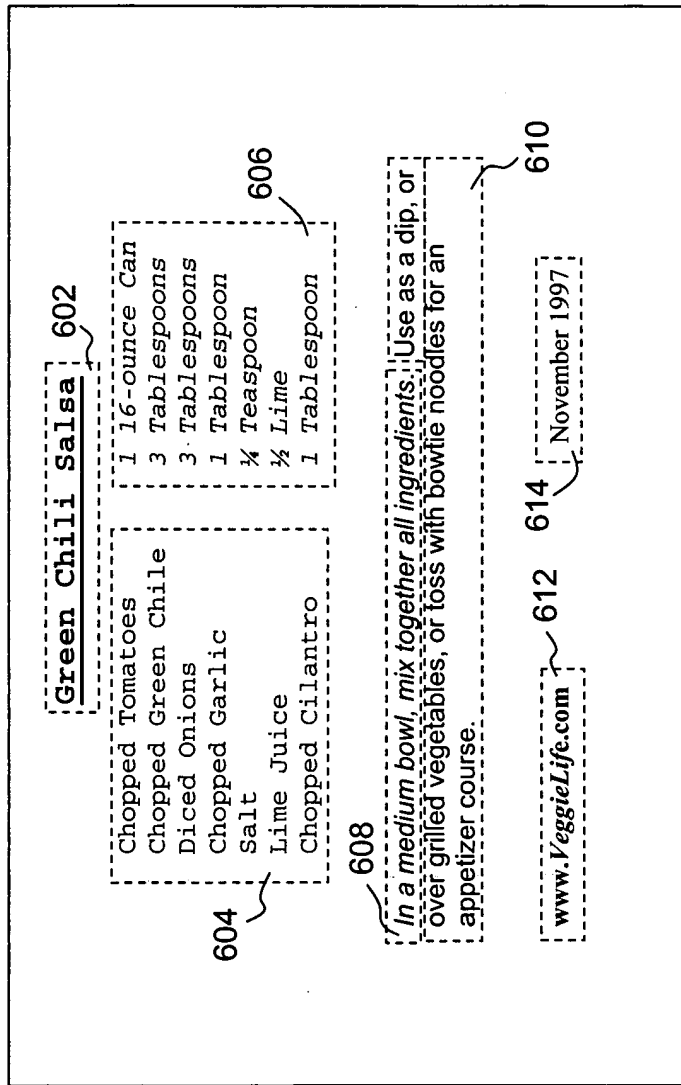


Fig. 6

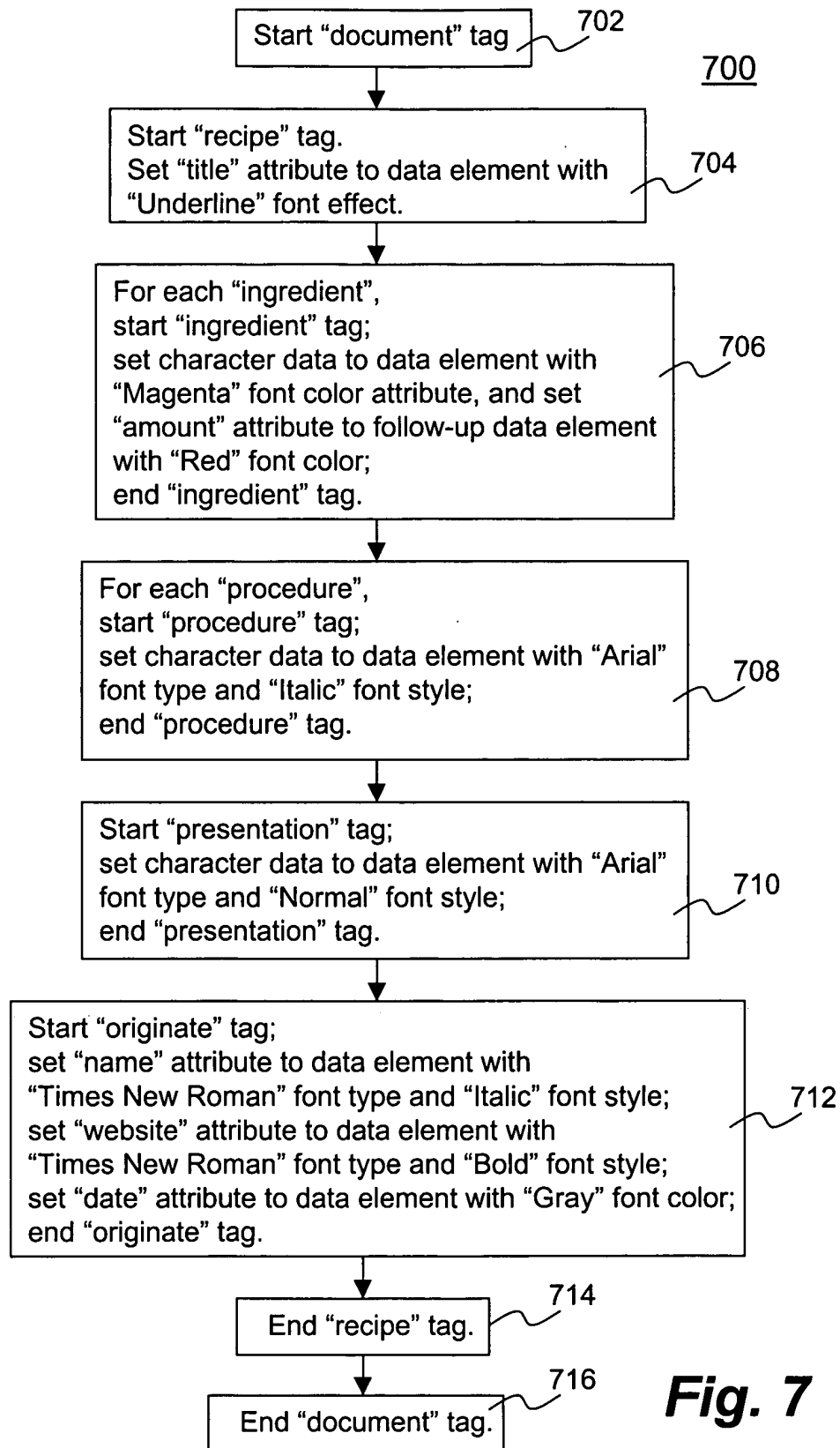


Fig. 7

Fig. 8

```
<document>
<font font_ID="1" type="Courier New" style="Bold" color="0x000000" size="12" effect="Underline" />
<font font_ID="2" type="Courier New" style="Normal" color="0xFF00FF" size="10" effect="Normal" />
<font font_ID="3" type="Courier New" style="Italic" color="0x0000FF" size="10" effect="Normal" />
<font font_ID="4" type="Arial" style="Italic" color="0xFF0000" size="10" effect="Normal" />
<font font_ID="5" type="Arial" style="Normal" color="0xFFFF00" size="10" effect="Normal" />
<font font_ID="6" type="Times New Roman" style="Bold" color="0x00FF00" size="10" effect="Normal" />
<font font_ID="7" type="Times New Roman" style="Bold Italic" color="0x00FFFF" size="10" effect="Normal" />
<font font_ID="8" type="Times New Roman" style="Normal" color="0x808080" size="10" effect="Normal" />
<data font_ID="1">Green Chili Salsa</data>
<data font_ID="2">Chopped Tomatoes</data>
<data font_ID="3">1 16-ounce Can</data>
<data font_ID="2">Chopped Green Chile</data>
<data font_ID="3">3 Tablespoons</data>
<data font_ID="2">Diced Onions</data>
<data font_ID="3">3 Tablespoons</data>
<data font_ID="2">Chopped Garlic</data>
<data font_ID="3">1 Tablespoon</data>
<data font_ID="2">Salt</data>
<data font_ID="3">¼ Teaspoon</data>
<data font_ID="2">Lime Juice</data>
<data font_ID="3">½ Lime</data>
<data font_ID="2">Chopped Cilantro</data>
<data font_ID="3">1 Tablespoon</data>
<data font_ID="4">In a medium bowl, mix together all ingredients.</data>
<data font_ID="5">Use as a dip, or over grilled vegetables, or toss with bowtie noodles for an appetizer course.</data>
<data font_ID="6">www.</data>
<data font_ID="7">VeggieLife</data>
<data font_ID="6">.com</data>
<data font_ID="8">November 1997</data>
</document>
```

802

804

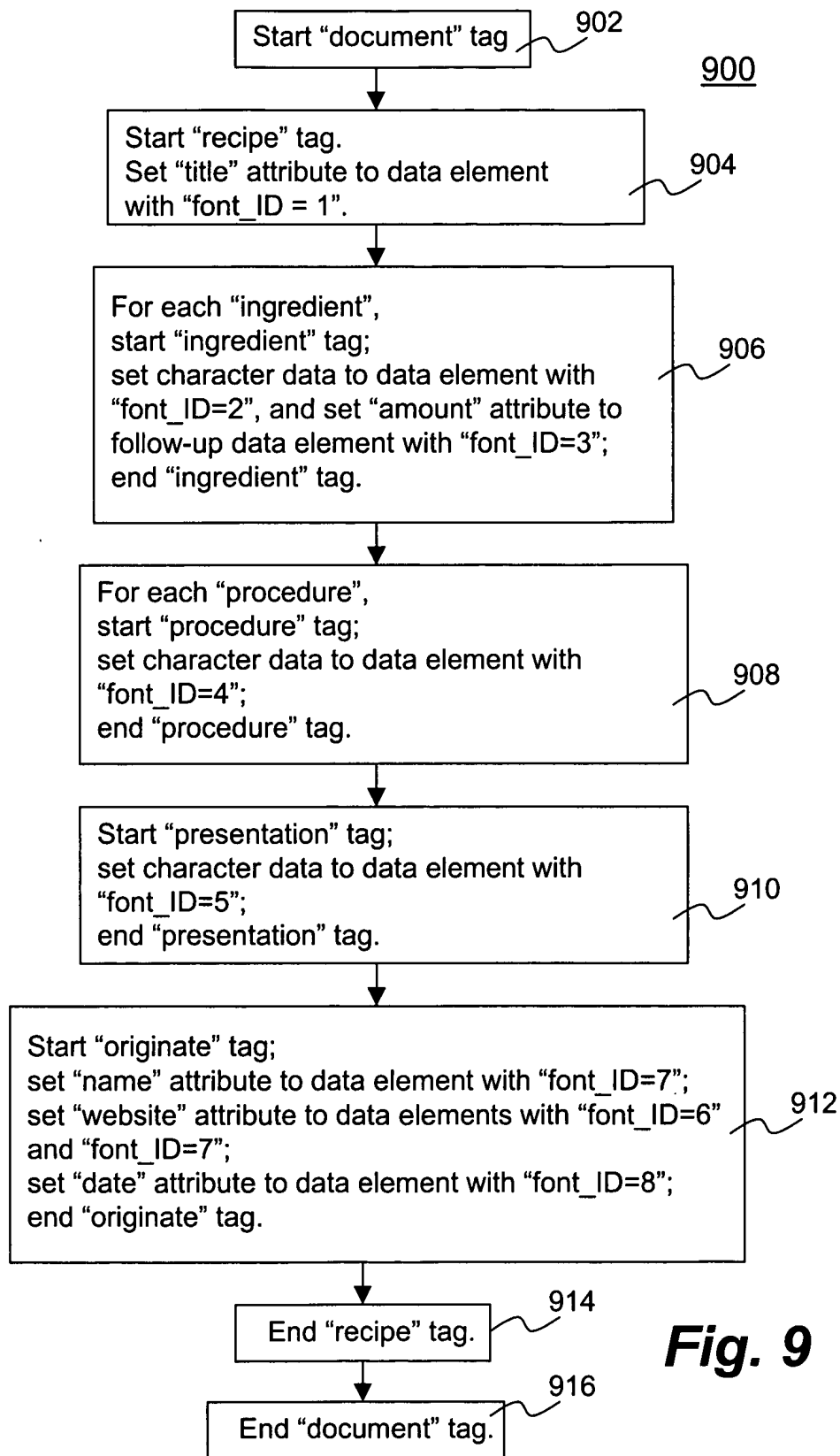


Fig. 9


```

<?xml version="1.0" standalone="yes"?>
<xsl:stylesheet xmlns:xsl="http://www.w3.org/1999/XSL/Transform" version="1.0">
<xsl:template match="/">
<document>
<xsl:apply-templates/>
</document>
</xsl:template>
<xsl:template match="document">
<recipe title="{data[@font_ID='1']}">
<xsl:for-each select="data[@font_ID='2']">
<ingredient amount="{following-sibling::data[@font_ID='3']}">
<xsl:value-of select="."/ />
</ingredient>
</xsl:for-each>
<xsl:for-each select="data[@font_ID='4']">
<procedure step="{position()}">
<xsl:value-of select="."/ />
</procedure>
</xsl:for-each>
<presentation>
<xsl:value-of select="data[@font_ID='5']" />
</presentation>
<xsl:for-each select="data[@font_ID='7']">
<originate name="{ }" website="{preceding-sibling::data[@font_ID='6']}" {following-
sibling::data[attribute::font_ID='6']" date="{following-sibling::data[@font_ID='8']}" />
</xsl:for-each>
</recipe>
</xsl:template>
</xsl:stylesheet>

```

1000

Fig. 10